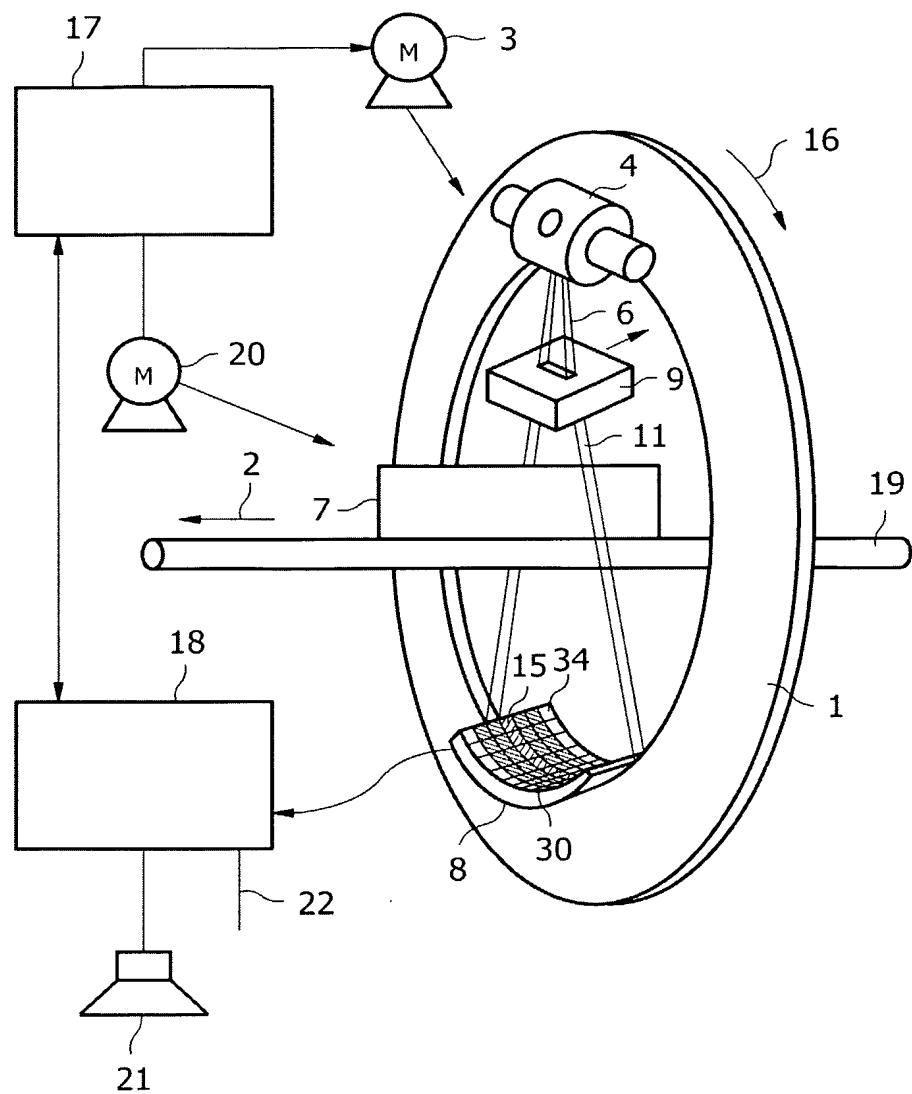


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**FIG.1**

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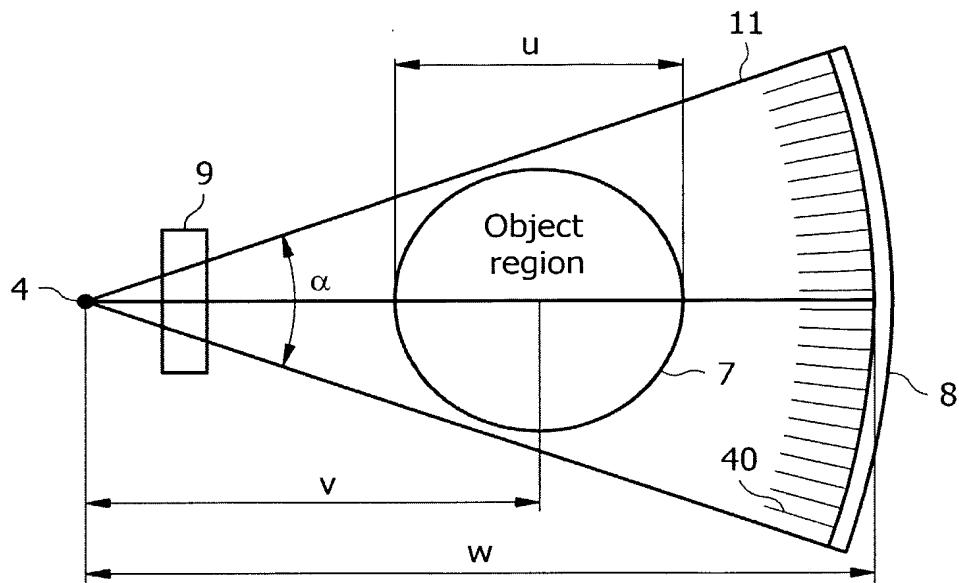


FIG.2

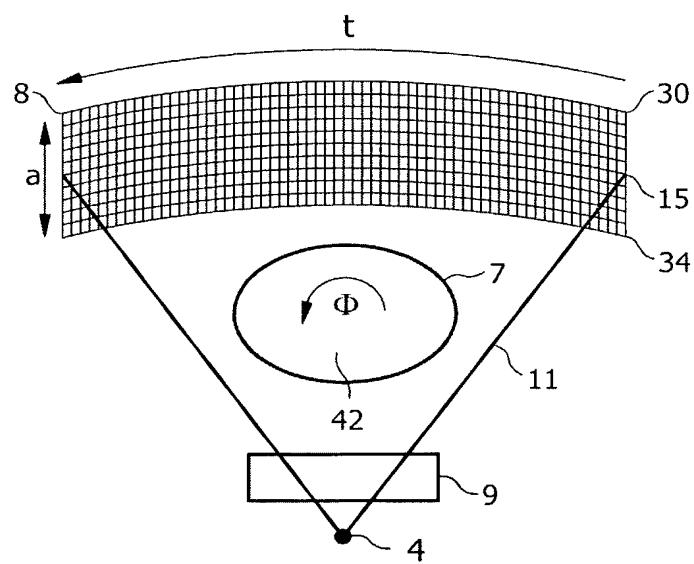


FIG.3

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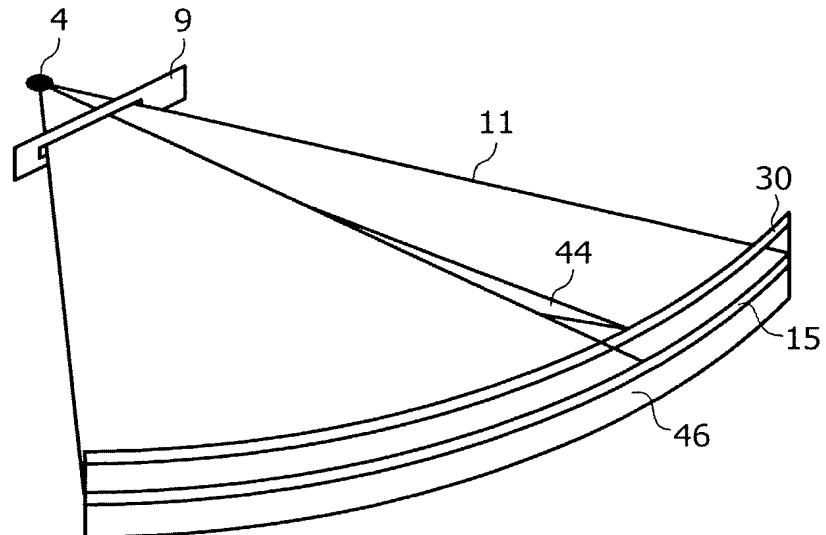


FIG.4

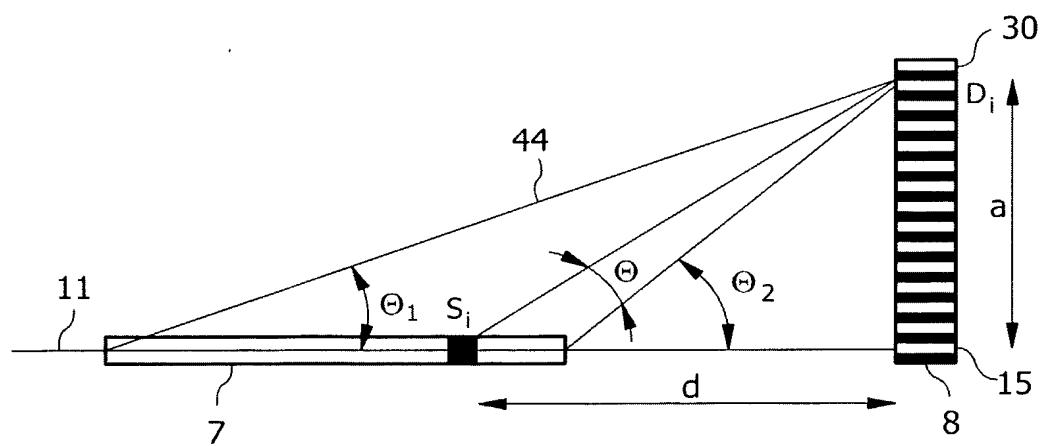


FIG.5

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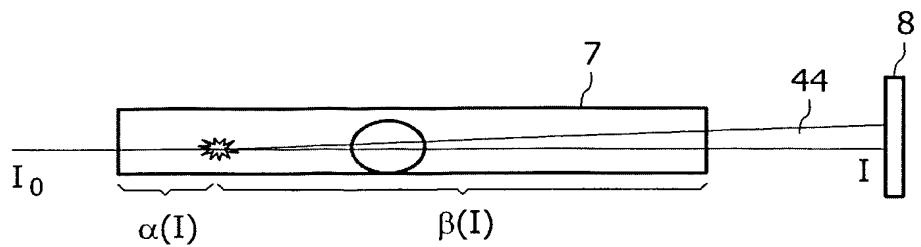


FIG.6

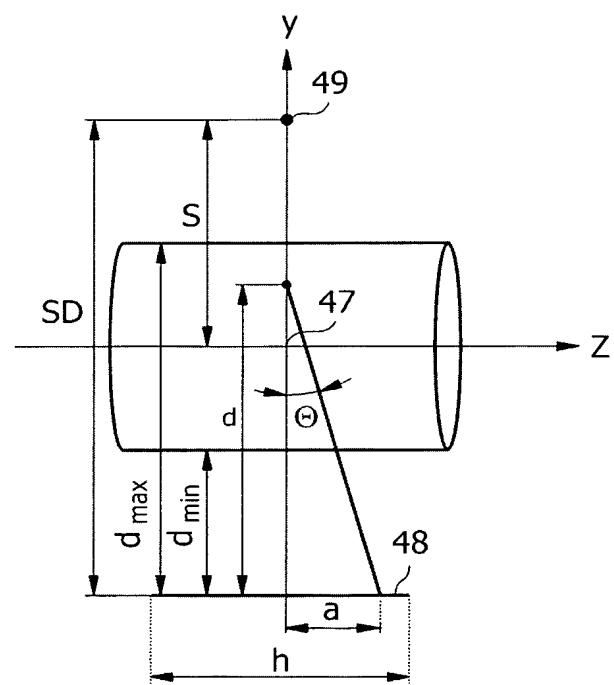


FIG.7

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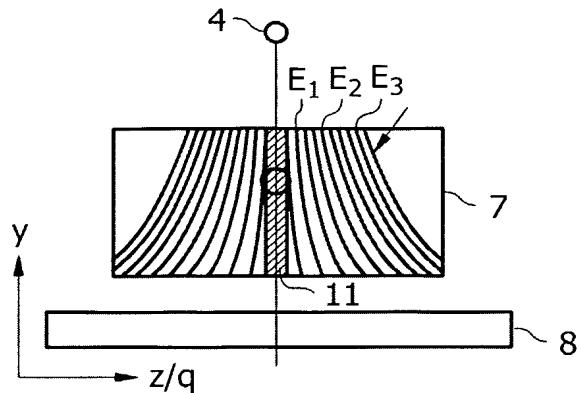


FIG.8

Primary Spectrum	Mean Energy @ 0 cm [keV]	Spectral width $\sigma$ [keV]	Energy Shift [keV/cm] water/Lucite
150 keV W, 1.5 mm Al filtered	63.3	24.1	0.72/0.67
150 keV W, 1.5 mm Al+0.5 mm Cu	77.1	23.7	0.49/0.45
150 keV W, 1.5 mm Al+1.0 mm Cu	85.3	23.9	0.41/0.38
150 keV W, 1.5 mm Al+1.5 mm Cu	91.6	23.5	0.35/0.32

FIG.9

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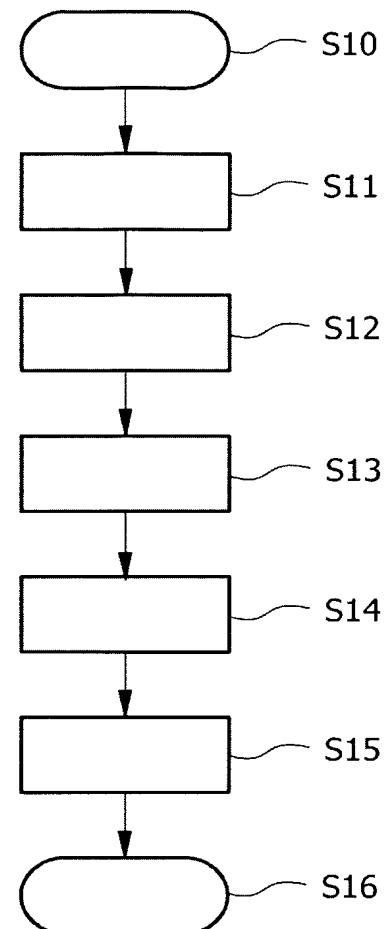
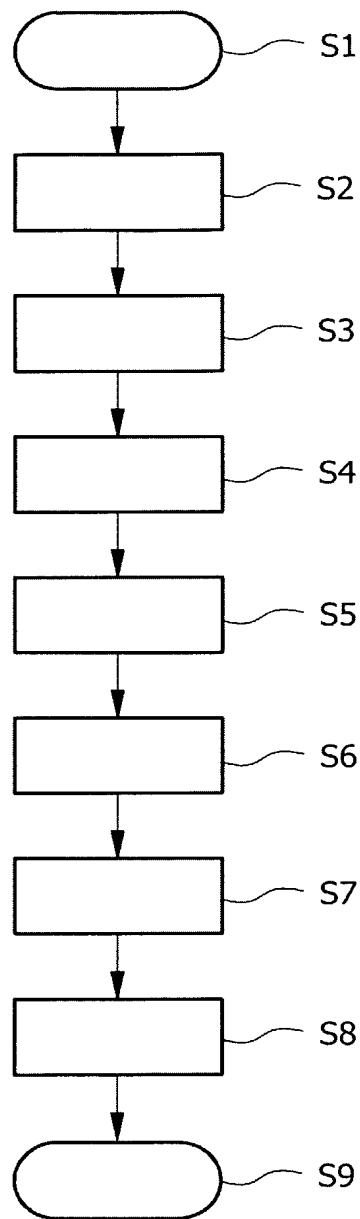


FIG.10

FIG.11

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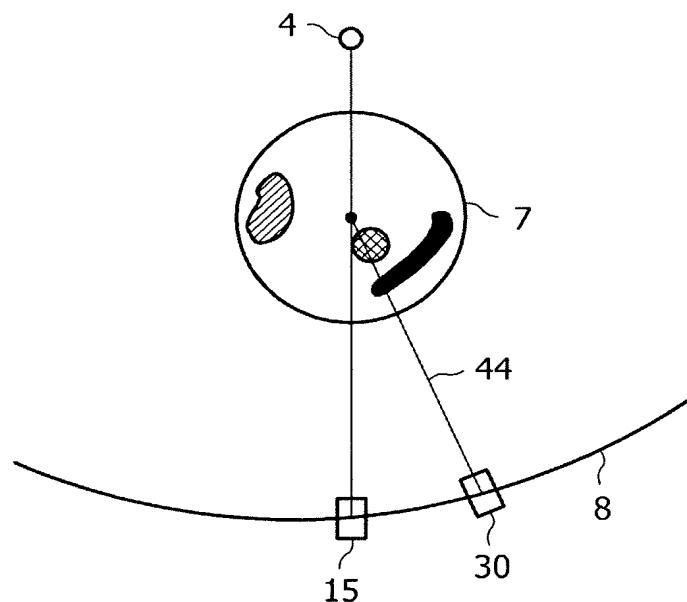


FIG.12

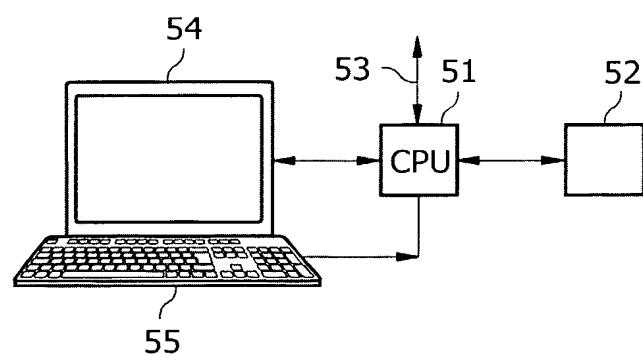


FIG.13